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## C3633 Thermometer-hygrometer with magnetic temperature probe for measuring surface temperatures



code: C3633

High accuracy thermometer - hygrometer.

Audio and optical alarm of measured temperature. Minimum/maximum memory. memory of minimum and maximum temperature included traceable calibration certificate. LCD backlight. Simultaneous reading of temperature and relative humidity, dew point temperature reading selectable.

**Included in delivery:**

- Traceable calibration certificate
- 9V battery
- Instruction manual
- Plastic transport case
- Connector for external ac/dc adapter

### Technical Data

Technical parameters	Value
Measured Value	Temperature + Relative Humidity
Construction Type	For One Internal and External Temperature Probe
Temperature Measuring Range	-10 to 60 °C
Data Logging Function	No

Operating temperature range	-10 to +60°C
Temperature sensor	RTD Ni1000/6180ppm
Accuracy of temperature measurement with built-in sensors	±0.4°C
Accuracy of air humidity measurement	±2.5%RH from 5 to 95% at 23°C, resolution 0.1%
Accuracy of dew point measurement	1.5 °C at ambient T < 25°C and RH>30%, range -60 to +80 °C
Power	battery 9V
Battery life	4 months typically
Dimensions	141 x 71 x 27 mm
IP protection	IP20
Weight including battery	approximately 200 g
Warranty	3 years